

Project – B
B.E. Sem. VIII [CHEM]

EVALUATION SYSTEM

	Time	Marks
Theory Exam	–	–
Practical & Oral	–	–
Oral Exam	–	50
Term Work	–	50

SYLLABUS

Detailed Syllabus:

1. The topic and team for the project will be continued from semester VII. In case of more than one student being in the team, the topic will be subdivided in such a way that each of the student will have at least one distinct sub task for which that team member will be solely responsible and on the performance of which he will be graded.
2. Each student group will prepare a detailed, typed project report containing a maximum of 100 pages A4 size, inclusive of index, abstract, illustrations, charts, P and ID and other diagrams, flow sheets, photographs, etc. The report will contain a brief summary of the earlier report submitted at the end of semester VII.
3. A) In case of a project involving the design of a process system leading to a product, the report will include:
 - Material and Energy balances
 - Detailed process design and HAZOP of one major equipment per student/ process
 - P and ID/ Flow diagram
 - Cost and feasibility Analysis
- B) In case of project involving experimentation, the report will list all the experimental data, analysis of data, conclusions drawn and discussion on how the conclusions are supported by the experimental data and its analysis.
Some discussion on the utility of the work done for design of a full-scale plant/ possibility of scale up should be presented.
- C) In case of a project consisting of developing a process system leading to a service, the project report will enunciate the objective, details of specifications/ recommendations, adequacy of the proposed system, methods to check the adequacy performance, comparison vis-à-vis existing systems should be discussed.

